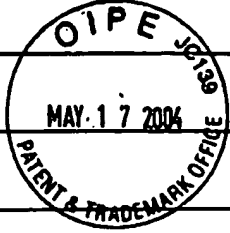

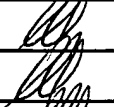
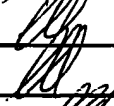

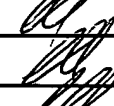

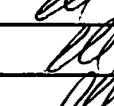
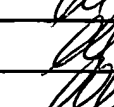
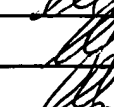
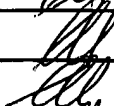
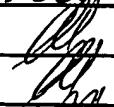
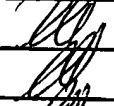
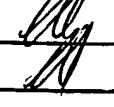
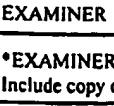




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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA			
				Filing Date August 25, 2003		Group 2873	



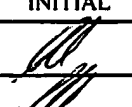
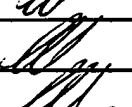

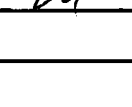


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EXAMINER 										DATE CONSIDERED 9/9/04			


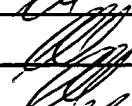
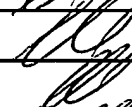
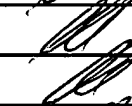
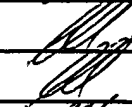

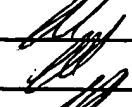
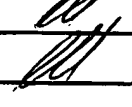
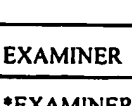
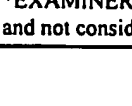

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23686		Serial No. 10/646,836	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA			
				Filing Date August 25, 2003		Group 2873	
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		4 8 8 7 1 0 7	12/12/89	NAKAMURA et al.			
		5 1 3 6 3 2 4	08/04/92	TSUBOI et al.			
		5 7 6 5 0 4 9	06/09/98	HASE et al.			
		5 8 3 2 3 2 6	11/03/98	TANAKA			
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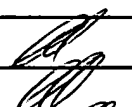

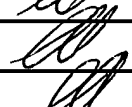
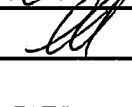
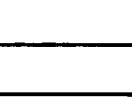
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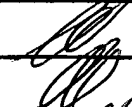
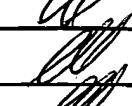

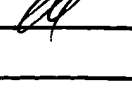
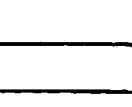
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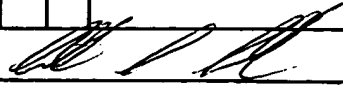
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	English Language Abstract of JP 58-10708.
	2	English Language Abstract of JP 2003-207709.
	3	English Language Abstract of JP 2002-277719.
	4	English Language Abstract of JP 10-282394.
	5	English Language Abstract of JP 58-162914.

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